

A METHOD FOR REMOVING A COATING FROM  
A SUBSTRATE, AND RELATED COMPOSITIONS

ABSTRACT OF THE DISCLOSURE

5 A method for selectively removing one or more coatings from the  
surface of a substrate is described. The coating is treated with an aqueous  
composition which includes an acid of the formula  $H_xAF_6$ , or precursors to such an  
acid. In that formula, A is Si, Ge, Ti, Zr, Al, and Ga; and x is 1-6. The acid is often  
 $H_2SiF_6$ . The composition may sometimes include at least one additional acid, such as  
phosphoric acid. The coating being removed is often an aluminide coating or an  
10 MCrAl(X)-type material. The substrate is usually a polymer or a metal, such as a  
superalloy.